

ABSTRACT

Materials and methods are provided for producing  
patterned multi-array, multi-specific surfaces for use in  
5 diagnostics. The invention provides for  
electrochemiluminescence methods for detecting or measuring an  
analyte of interest. It also provides for novel electrodes for  
ECL assays. Materials and methods are provided for the chemical  
and/or physical control of conducting domains and reagent  
10 deposition for use multiply specific testing procedures.